

AMENDMENTS TO THE SPECIFICATION

Paragraph [0030] of the electronically filed specification is amended to read as follows:

As is further shown in Figure 4, both the primary/secondary windings for the inner and outer E-shaped cores may be wound by beginning at one opening of the E-shaped core, winding around the platter in a first direction (e.g., clockwise) in one of the two channels of the E-shaped core to about the starting point, crossing over to the another opening in the core, and winding back around the platter in the opposite direction (e.g., counterclockwise) in the other of the two channels back to the starting point, thereby completing one turn. It will be appreciated that multiple turns for both primary and secondary windings (as well as multiple secondary windings) may be wound on the same E-shaped core, depending on the number of outputs and voltage levels desired.

Paragraph [0032] of the electronically filed specification is amended to read as follows:

Through the use of the above described multichannel, contactless power transfer system, the elimination of all contact slip ring brushes, associated dust, wear-out, and preventive maintenance needed results in advantageous cost savings. Furthermore, the removal of the x-ray power inverter assembly and bracket results in a direct reduction in the mass of from rotating frame of the system by about 40 kg. Correspondingly, there is also a counter-balance of equal weight that may also be removed from the rotating frame. With both the inverter and counter-balance removed, there is further room to eliminate cantilevered components so as to have a much more uniformly balanced gantry, thereby facilitating the achievement of a 0.2 sec/rev gantry speed. Still a further cost reduction stems from the placement of the inverter(s) and auxiliary DC-DC converters on the stationary side of the frame.